



# Environmental Leader Facility

## CP LOUISIANA, INC.

### New Orleans, LA



CP Louisiana, Inc., located just west of New Orleans along the east bank of the Mississippi River, is a leading manufacturer of 55-gallon steel shipping containers used in the local, national and international transport of both hazardous and non-hazardous materials. These materials include food products, highly purified solvents, lubricants, paints and coatings, cosmetic bases, and petrochemicals. State of the art mass spectrometer leak detection, computer-controlled interior and exterior coating application and a new "W"-HOOP drum design are examples of the latest techniques and innovations that CP Louisiana incorporates in steel drum manufacture. CPLA was one of the first drum manufacturers in the country to receive ISO 9002 registration.

## Pollution Prevention Highlights

- 2001 – Completed a project to recycle non-contact cooling water for use as rinse water in steel-cleaning lines; this reduces the consumption of city water by 2 million gallons annually.
- 2001 - Continued use of the existing paint application system and recycling of waste paint, where possible, maintaining waste paint generation below target year quantities.
- 1996 – Installed a computer controlled paint application system to better control paint loss on color changes and applications, thus reducing hazardous waste.
- 1994 – Switched from high-solids solvent-based coatings to water-based coatings, reducing the VOC emissions from the plant and thereby allowing the facility to be classified as a minor source of air pollutants.
- 1992 – Removed all heavy metals from the coatings used in the production process.

## Pollution Prevention Goals

WASTE STREAM	BASELINE YEAR	CURRENT YEAR QUANTITY	TARGET YEAR QUANTITY	COMMENTS
Waste paint (tons/yr)	1994 539	2001 27.8	1997 30	Benefits of computer controls
Non-contact cooling water (gal/yr recycled)	1992 0	2001 1,700,000	2002 2,000,000	Recycle as rinse water in steel-cleaning lines

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